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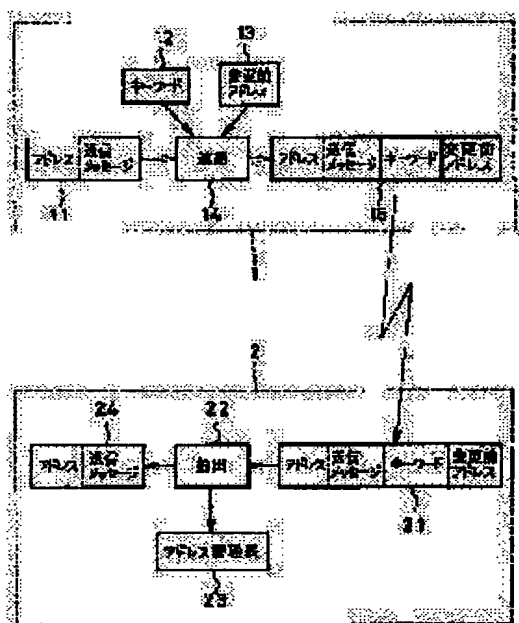
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(54) ELECTRONIC MAIL SYSTEM AND RECORDING MEDIUM FOR RECORDING ADDRESS MANAGING PROGRAM OF THE SAME**(57)Abstract**

PROBLEM TO BE SOLVED: To automatically change an address when the electronic mail address of a certain individual is changed by transmitting a keyword indicating address change and the address before change together with a message to be transmitted.

SOLUTION: A message transmission side 1 preserves the address 13 before change in a storage device at the time of changing the address. Then, a connecting device 14 for generating transmission data 15 by connecting a transmission address to a transmission message 11 is provided so as to transmit the message 15 consisting of the transmission address, the transmission message, the keyword and the address before change together with the previously fixed keyword 12 which indicates address change and with the address before change 13. A message reception side 2 receives the message 21 consisting of the transmission address, the transmission message, the keyword and the address before change. An extracting device 22 extracts the address before updating from the keyword indicating address change, retrieves an address managing table 23 and replaces the address before change by the address indicating a transmission source.

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CLAIMS

[Claim(s)]

[Claim 1] The electronic mail system characterized by having the means which carries out renewal of automatic of the management table of the address based on the address information before transmission transmitted from the transmitting side.

[Claim 2] By the transmitting side, when changing the address, the address before the keyword which shows address modification, and modification It has a means to connect and transmit to the message the transmitting agency address after modification, and for transmission. In a receiving side The electronic mail system characterized by having the means which extracts the address before modification from the keyword which shows address modification of the message which received, searches the address before said extracted modification from the management table of the address of a receiving side, and is replaced with the address after changing the address before said modification.

[Claim 3] The electronic mail system characterized by having a means to connect with the message the transmitting agency address after modification, and for transmission the address before the keyword which shows address modification, and modification, and to transmit when the information processor equipped with electronic mail communication facility changes an e-mail address.

[Claim 4] The electronic mail system characterized by to have the means which extracts the address before modification of said transmitting side inserted in said message, searches the address before said extracted modification from the address-administration table which self-equipment holds, and replaces the address of said transmitting side before modification with the address after modification when the information processor equipped with electronic-mail communication facility detects the keyword which shows address modification beforehand defined into the received message from a transmitting side.

[Claim 5] (a) When changing the address by the transmitting side, the address before the keyword which shows address modification, and modification A means to control to connect [both] with the after [modification] transmitting former address, and the message which transmits, and to transmit, (b) The address before modification is recognized from the keyword which shows address modification of the message which received by the receiving side. The record medium which recorded the program for operating each above-mentioned means of means ** which searches the address before modification from the management table of the address of a receiving side, and is replaced with the address after changing the address before said modification on the computer equipped with electronic mail communication facility.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention] This invention relates to the address administration method of the electronic mail system which enabled it to update the address automatically especially about an electronic mail system.

[0002]

[Description of the Prior Art] In the conventional electronic mail system, when an addresser sends an electronic mail from the management table of the address which described the address, and transmitted the electronic mail or the addresser registered in advance when the addresser sent the electronic mail, the address is chosen, and an electronic mail is transmitted.

[0003] In order for the user of an electronic mail to maintain the management table of the address separately, when a certain individual's ** mail address is changed, it needs to notify other electronic mail users of the address which was changed, and needs to change it for every electronic mail user.

[0004]

[Problem(s) to be Solved by the Invention] The address administration method of the above-mentioned conventional electronic mail system has the trouble that the address which was changed is not reflected immediately.

[0005] The reason is because the electronic mail user who notified other electronic mail users of the address which was changed, and received the change notice of the address has changed the management table of the address for every electronic mail user, when a certain individual's e-mail address is changed.

[0006] Therefore, this invention is made in view of the above-mentioned trouble, and when a certain individual's e-mail address is changed, the purpose notifies other electronic mail users of the address which was changed, and is to offer the electronic mail system which changes the address automatically.

[0007]

[Means for Solving the Problem] In order to attain said purpose, the electronic mail system of this invention transmits in a transmitting side with the keyword which shows address modification, and the message which transmits the address before modification, when changing the address. The address before modification is recognized based on the keyword which shows modification, the address before modification is searched with a receiving side from the management table of the address of a receiving side, and it replaces with the address after modification.

[0008]

[Embodiment of the Invention] The gestalt of operation of this invention is explained. In the message-sending side (1 of drawing 1), it has a means (14 of drawing 1) to connect the predetermined keyword (12 of drawing 1) which shows the address (13 of drawing 1) and address modification before saved modification with the address (after [modification] address) and the outgoing message (11 of drawing 1) which show a transmitting agency.

[0009] In a message receiving side (2 of drawing 1), the address before updating is extracted from the keyword which shows address modification of the message (21 of drawing 1) which received (22 of drawing 1), and it replaces in the address after modification which shows transmitting [the address before modification of the management table (23 of drawing 2) of the address] origin.

[0010]

[Example] Next, the example of this invention is explained to a detail with reference to a drawing. Drawing 1 is the block diagram showing the justice of one example of this invention. If drawing 1 is referred to, message-sending side 1 saves the address 13 before changing, when the address is changed at storage. And it has the coupling device 14 which connects with the transmitting address and an outgoing message 11 the keyword 12 which shows address modification, and which was appointed beforehand with the address 13 before modification, and creates transmit data 15, and the message 15 which consists of the transmitting address, an outgoing message, a keyword, and the address before modification is transmitted.

[0011] The message receiving side 2 receives with the message 21 which consists of the transmitting address, and an outgoing message, a keyword and the front [modification] address, and the address before updating is extracted from the keyword which shows address modification, and an extractor 22 searches the address administration table 23, and replaces the address before modification in the address which shows a transmitting agency.

[0012] Next, if drawing 2 is referred to, one example of this invention will be preferably equipped with the record medium 101 which recorded the address administrative program which carries out execution control of the above-mentioned processing with a data processor. This record medium 101 may be a record medium of a magnetic disk,

semiconductor memory, and others.

[0013] A program is read into the coupling device 102 which consists of data processors from a record medium 101, it performs from it, and connection of the keyword which shows a message and address modification, and the address before modification is controlled by the transmitting side.

[0014] A program is read into the extractor 104 which consists of data processors from a record medium 103 (it is the same as a record medium 101), and is performed from it, and this program controls the processing which detects the keyword which shows address modification from a received message, and extract processing of the address before modification by the receiving side. Moreover, a program is read into address-modification equipment 105 from a record medium 103, and is performed from it, and this program controls the processing which searches the address before modification from a address administration table, and is updated in the address after modification.

[0015]

[Effect of the Invention] As explained above, when a certain individual's e-mail address is changed according to this invention, other electronic mail users can be notified of the address which was changed, the address administration table by the side of other electronic mail users can be changed immediately automatically, and the effectiveness of improving the convenience of an electronic mail system, operability, and dependability is done so.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is drawing for explaining one example of this invention.

[Drawing 2] It is drawing showing the configuration of one example of this invention.

[Description of Notations]

1 Message-Sending Side

2 Message Receiving Side

11 Transmitting Agency Address and Outgoing Message

12 Keyword

13 Front [Modification] Address

14 Coupling Device

15 Outgoing Message

21 Received Message

22 Extractor

23 Address Administration Table

24 Transmitting Agency Address and Outgoing Message

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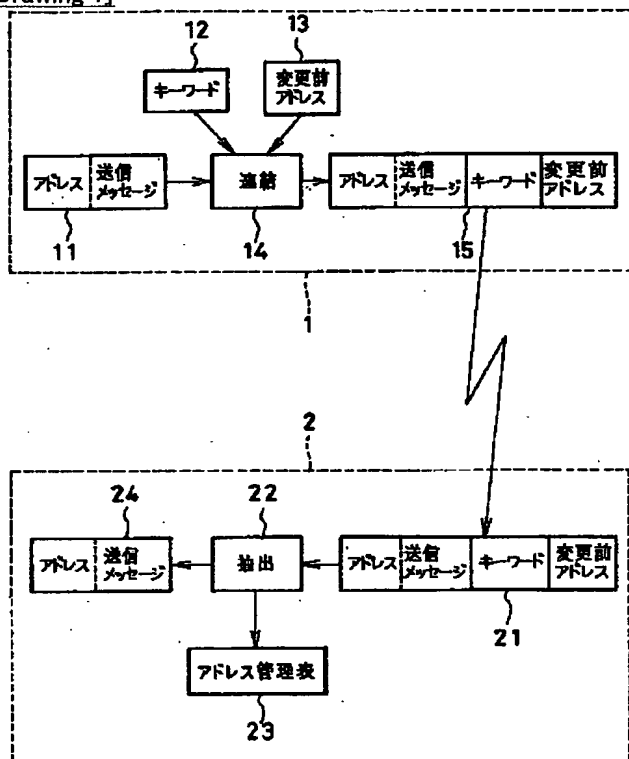
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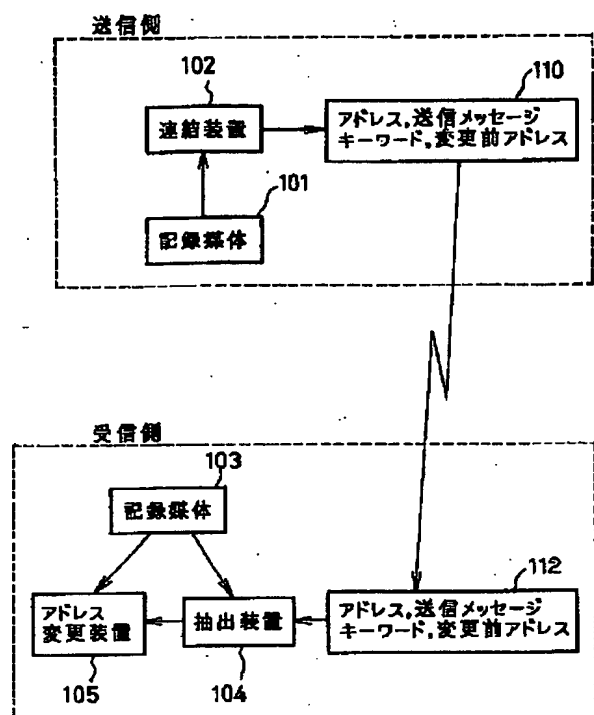
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DRAWINGS

[Drawing 1]



[Drawing 2]



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